

Docket: 01-022N11-B

<u>Comment Number</u>	<u>Date Received</u>	<u>Submitter/Firm/Subject</u>	<u>Pages</u>	<u>Date of Document</u>
09003	03/26/2003	DANIEL'S CERTIFIED WAHLING INC.	1	01/23/2001
09004	03/26/2003	LIPPERT COMPONENT MFG. INC.	2	01/24/2001
09005	03/26/2003	DAN GURNEY ALLIGATOR MOTORCYCLES INC.	1	04/10/2001
09006	03/26/2003	CYCLE CONCEPTS OF NEW YORK INC.	1	02/16/2000
09007	03/26/2003	IRISBUS	2	04/03/2002
09008	03/26/2003	STEPHAN J. SPETH DAIMLER CYRYSLER	10	04/26/2002
09009	03/26/2003	INTERNATIONAL TRUCK & ENGINE CO.RP.	9	04/26/2002
09010	03/26/2003	ARTHUR DELAROSA VOLVO	2	05/06/2002
09011	03/26/2003	SUZANNE K. PETERSON VICTORY MOTORCYCLES USA	3	04/11/2002
09012	03/26/2003	GENERAL MOTORS (GM) USG 3680	42	05/17/2002
09013	03/26/2003	LOUIS J. CARLIN GENERAL MOTORS (GM) USG 3682	43	05/17/2002
09014	03/26/2003	PETER M. YI DREAM TOUR	5	05/02/2002
09015	03/26/2003	ADVANCED TRANSP. TECH. R & D	2	05/02/2002
09016	03/26/2003	B AND M TRAILER SALES	3	04/04/2002
09017	03/26/2003	KEVIN E. KIRSCHKE FORD MOTOR CO.	20	05/31/2002
09018	03/26/2003	PATRIOT MOTORCYCLES	2	00/00/0000
09019	03/26/2003	RICHARD KEMPF INTERNATIONAL TRUCK & ENGINE CORP.	9	01/28/2002

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GENERAL MOTORS NORTH AMERICA  
Safety Center

01-022-NIIB-9012

May 17, 2002  
USG 3680

**ORIGINAL**

Office of the Administrator  
National Highway Traffic Safety Administration  
400 Seventh Street, SW  
Washington, DC 20590  
Attention: Mr. George Entwistle, VIN Coordinator

42 pgs

Subject: Update of General Motors Vehicle Identification  
Number decoding for 2002 Model Year

Dear Mr. Entwistle:

The latest revision of the General Motors Vehicle Identification  
Numbering (VIN) Standard for 2002 model year dated April, 2002 is  
submitted per the VIN reporting requirements of 49 CFR Part 565.7.

The following revisions have been made to the 2002 MY Standard:

- **Section B, page B7 – Model ZS added.**

If you have any questions, please contact David Proefke of our  
Warren, Michigan office at (586) 986-9398.

Sincerely,

Louis J. Carlin, Director  
Safety Regulations and  
Consumer Information

Attachment

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Corporate Information Standards

GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

D. Medium Duty Trucks & Incomplete Vehicles

TABLE D6: Engine Codes (VIN position 8)

For Vehicles with a numeric in the 5th Position

For Vehicles with Make Identifier Codes:

	1GB	1GC	1GD	1GT	J8B	J8D
	2GB	2GC	2GD	2GT	4GT	
<u>CODE</u>	<u>CYL</u>	<u>L</u>	<u>ENGINE DESCRIPTION</u>			<u>RPO</u>
C	6	7.2	CAT L6 Turbo, Electronic			LG5
E	8	8.1	GM Gas MFI			L18
J	6	6.6	CAT 3116 Diesel			LX0
K	L4	3.9	Isuzu 4BD2-TC, Turbo DSL			**
R	8	5.7	GM V8, CPI			L31
X			Designation for Glider Kits - No Engine involved.			
3	L6	7.8	Isuzu DI Turbo Diesel			LG4
4	L4	4.8	Isuzu 4HE1-TC-S, I/C Turbo Diesel			**
5	L4		Isuzu 4HE1-TC-N			**

• Note: Total liability for Warranty & Servicing is Isuzu responsibility.

\*\* = None. GM codes K, 4 & 5 are for ISUZU engines used by ISUZU ordered vehicles built by GM.

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RESPONSIBILITY: GMC Division  
 AUTHORIZED BY: Technical Data Group

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**Corporate Information Standards**

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**GM VEHICLE IDENTIFICATION NUMBERING STANDARDS**

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D. Medium Duty Trucks & Incomplete Vehicles

TABLE D5: Chassis (VIN position 7)

For Vehicles with a numeric in the 5th Position

For Vehicles with Make Identifier Codes:

1GB	1GC	1GD	1GT	J8B	J8D
2GB	2GC	2GD	2GT	4GT	

<u>CODE</u>	<u>DESCRIPTION</u>
0	Glider Kit
1	4 x 2 - 2 Axles, 1 Driving
4	6 x 4 - 3 Axles, 2 Driving

RESPONSIBILITY: GMC Division  
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Corporate Information Standards

GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

D. Medium Duty Trucks & Incomplete Vehicles

TABLE D4: Truck Line and Cab Type (VIN Position 6)

For Vehicles with a numeric in the 5th Position

For Vehicles with Make Identifier Codes:

1GB 1GC 1GD 1GT J8B J8D  
 2GB 2GC 2GD 2GT 4GT

<u>CODE</u>	<u>DESCRIPTION TRUCK LINE</u>	<u>CAB TYPE</u>	<u>MODEL</u>
A	Forward/Tiltmaster	medium, tilt, 72.0 BBC	W5
B	Forward/Tiltmaster	medium, tilt, 67.9 BBC	W4
C	T55 - T85	medium, tilt, 86.0 BBC	F6/F7
D	C Series, (Special Eqmpt Option)	crew-cab	C7
H	C Series	conventional cab, 106.75 BBC	C6/C7
J	W Series NPR/NPQ	Crew cab, 106.0 BBC	W4/W5
L	Light Armored Vehicle		
T	Bus/Commercial Chassis	chassis cowl	B7

BBC = Bumper to Back of Cab

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RESPONSIBILITY: GMC Division  
 AUTHORIZED BY: Technical Data Group



**Corporate Information Standards**

**GM VEHICLE IDENTIFICATION NUMBERING STANDARDS**

D. Medium Duty Trucks & Incomplete Vehicles

TABLE D3: Series (VIN position 5)

For Vehicles with a Numeric in the 5th Position

For Vehicles with Make Identifier Codes:

1GB	1GC	1GD	1GT	J8B	J8D
2GB	2GC	2GD	2GT	4GT	

<u>CODE</u>	<u>DESCRIPTION</u>	<u>MODEL</u>
4	4500 Series Medium Duty	W4
5	5000 Series Medium Duty	C5/W5
6	6000 Series Medium Duty	C6/W6/FB6
7	7000 Series Medium Duty	B7/C7/W7/D7/FB7
8	8 Series vehicle	



Corporate Information Standards

GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

D. Medium Duty Trucks & Incomplete Vehicles

TABLE D2: GVWR/Brake Systems (VIN position 4)

For Vehicles with a Numeric in the 5th Position

For Vehicles with Make Identifier Codes:

1GB	1GC	1GD	1GT	J8B	J8D
2GB	2GC	2GD	2GT	4GT	

<u>CODE</u>	<u>GVWR RANGE</u> (In Pounds)	<u>BRAKE SYSTEM</u>
A	9001 - 10000	Hydraulic
B	10001 - 14000	Hydraulic
C	14001 - 16000	Hydraulic
D	14001 - 16000	Air
E	16001 - 19500	Hydraulic
F	16001 - 19500	Air
G	19501 - 23500	Hydraulic
H	19501 - 23500	Air
J	23501 - 26000	Hydraulic
K	23501 - 26000	Air
L	26001 - 33000	Hydraulic
M	26001 - 33000	Air
N	33001 - 40500	Hydraulic
P	33001 - 40500	Air
R	40501 - 48500	Hydraulic
S	40501 - 48500	Air
T	48501 - 58000	Air
V	58001 - 69500	Air
X	Glider Kit	

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RESPONSIBILITY: GMC Division  
 AUTHORIZED BY: Technical Data Group



**Corporate Information Standards**

**GM VEHICLE IDENTIFICATION NUMBERING STANDARDS**

D. Medium Duty Trucks and Incomplete Vehicles

TABLE D1: VIN Format

For Vehicles with a Numeric Character in the 5th Position (See Table D3)

For Vehicles with Make Identifier Codes:

1GB	1GC	1GD	1GT	J8B	J8D
2GB	2GC	2GD	2GT	4GT	

<u>VIN POSITION</u>	<u>CHARACTER TYPE *</u>	<u>ATTRIBUTE</u>
1-3	BBA	GM Make Identifier (Table A1)
4	A	GVWR/Brake System (Table D2)
5	B	Series (Table D3)
6	N	Line and Cab Type (Table D4)
7	N	Chassis (Table D5)
8	B	Engine Type (Table D6)
9	B	Check digit (Table A3)
10	B	Model Year (Table A2)
11	B	Plant of Manufacture (Table A4)
12-17	NNNNNN	Sequence Number

\* CHARACTER TYPE: A - Alpha Characters  
 N - Numeric Characters  
 B - Alpha or Numeric Characters

TYPICAL GM MEDIUM DUTY TRUCK VIN: 1GTM7H1M✓YJ556123

1-3	1GT	U.S. General Motors, GMC Truck
4	M	26,001 - 33,000 GVWR with Air Brakes
5	7	7,000 Series
6	H	Conventional Cab, 104 inch BBC Conv.
7	1	4 X 2 Chassis
8	M	7.0 Liter V8 Gasoline Engine by GM
9	✓	Check Digit
10	2	Model Year 2002
11	J	Janesville, WI Assembly Plant
12-17	556123	Sequence Number

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RESPONSIBILITY: GM VIN Subcommittee  
 AUTHORIZED BY: GM VIN Subcommittee Chairman



Corporate Information Standards

GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

C. MPV's, Light Duty Trucks, Buses & Incomplete Vehicles (Cont'd)

TABLE C5b: Engine Codes (VIN position 8) (Cont'd)

<u>CODE</u>	<u>DESIGN BY</u>	<u>ENGINE DESCRIPTION</u>	<u>RPO</u>
1	Isuzu	6.6 V8 Diesel Turbo	LB7
4	SUZUKI	2.5L V6 MFI DOHC	LE8
5		2.2L, E85 Compatible Flexible Fuel	L43
6	SUZUKI	1.6L L4 MFI, OHC	L01
7	MEX	4.1L L6, GAS, TBI	LH9 (Mex. Only)
8	@ FLT	3.0L V6 MFI, DOHC, HO	LL6
9	@ LAD	2.2L L4 MFI Turbo DOHC	LL9

- \* LPG conversion can be accomplished on the engine.
- @@ Natural Gas Conversion can be accomplished on the engine.
- @ For Export Only (APV)

GM Powertrain Legend: WRN = WARREN, WRN/B = WARREN/BRAZIL, FLT = FLINT  
 LAN = LANSING, DET = DETROIT, ROM = ROMULUS  
 MEX = MEXICO, GMEV = ELECTRIC VEHICLE

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RESPONSIBILITY: GM VIN Subcommittee  
 AUTHORIZED BY: GM VIN Subcommittee Chairman



Corporate Information Standards

GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

C. MPV's, Light Duty Trucks, Buses\$ & Incomplete Vehicles

TABLE C5b: Engine Codes (VIN position 8)

For Vehicles with an Alpha Character in the 5th Position, Except B and H (for which see Table C6a).

For Vehicles with Make Identifier Codes:

1GA\$	1GB	1GC	1GD	1GT	1GJ\$	1GK	1GN	1GM	4GL	2CG	1GH	1S9
	2GB	2GC	2GD	2GT								
1GG		2CC		2CT		2CK	2CN	3GM				
	3GB		3GD			3GK	3GN					
1GY									5GZ			

\$ Specific to Chevrolet and GMC Vans which are classified as Buses when equipped with seating which will exceed ten (10) passengers.

<u>CODE</u>	<u>DESIGN BY</u>	<u>ENGINE DESCRIPTION</u>	<u>RPO</u>
A	@ LAN	2.2L, L4 MFI, DOHC	LA9
B	GM	3.0L, V6, MFI, DOHC	L81
C	SUZUKI	2.0L, L4, MFI, DOHC	L34
D	GM	2.2L, L4, MFI, Alum, DOHC	L61
E	FLT	3.4L, V6 MFI	LA1
F	ROM	6.5L, V8 Diesel, Turbo, HO	L65
G	WRN	8.1L, V8 Gas MFI	L18
H	GMEV(Delco)	85KW, AC, 312V	LN1
J	WRN	7.4L, V8 MFI HO	L29
K	WRN	5.7L, V8 TBI	L05 (Mex. Only)
L	MEX	4.1L, L6, MFI	LH3
M	WRN	5.0L, CPI V8	L30
N	GM	6.0L, V8 MFI HO	LQ9
R	WRN	5.7L, V8 CPI	L31
S	GM	4.2L, L6, MFI, DOHC	LL8
T		5.3L, V8, MFI, Iron	LM7
U		6.0L, V8, MFI, Iron	LQ4
V		4.8L, V8, MFI, Iron	LR4
W	WRN	4.3L, V6 CPI, 90 deg.	L35
X	WRN	4.3L, V6 MFI, 90 deg.	LU3
Y	ROM	6.5L, V8 Diesel, HO	L57
Z	GM	5.3L, V8, MFI, Iron, Flexible Fuel	L59

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RESPONSIBILITY: GM VIN Subcommittee  
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**Corporate Information Standards**

**GM VEHICLE IDENTIFICATION NUMBERING STANDARDS**

C. MPV's, Light Duty Trucks, Buses & Incomplete Vehicles

TABLE C5a: Engine Codes (Passenger Car Type) (VIN position 8)

For Vehicles with an Alpha Character B or H only in the 5th Position

For Vehicles with Make Identifier Codes:

1GE

For all other alpha characters in 5th position, see Table C6b.

<u>CODE</u>	<u>DESIGN BY</u>	<u>ENGINE DESCRIPTION</u>	<u>RPO</u>
Y	WRN1	4.6 V8 MFI DOHC	LD8
9	WRN1	4.6 V8 MFI DOHC, HO	L37

GM Powertrain Legend: WRN1 = GMPTG WARREN (PREM V)

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RESPONSIBILITY: GM Powertrain Passenger Car Platforms  
 AUTHORIZED BY: Technical Data Group



Corporate Information Standards

GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

TABLE C4: VIN Body Types (VIN position 7)

For Vehicles with an Alpha Character in the 5th Position (See Table C3)

For Vehicles with Make Identifier Codes:

1GA\$	1GB	1GC	1GD	1GE	1GT	1GJ\$	1GK	1GN	1GM	4GL	2CG	1GH	1S9
	2GB	2GC	2GD		2GT								
	3GB		3GD				3GK	3GN	3GM	3G5	3G7	3GY	
1GG		2CC			2CT		2CK	2CN					
1GY													5GZ

\$ Specific to Chevrolet and GMC Vans which are classified as Buses when equipped with seating which will exceed ten (10) passengers.

<u>CODE</u>	<u>DESCRIPTION</u>
0	Commercial chassis/vehicle on Series 9 (See Table C3f, Code H9, C3b, C3g , code B9) [Special commercial chassis / vehicle, Chevrolet / Buick/ Cadillac]
1	Commercial Special and RV Cutaway [Includes Chevrolet Express Commercial and RV Cutaway and GMC Savana Cargo Special Camper Special]
2	Forward Control [P 42 Step Van Chassis]
3	Four (4) Door Cab/Utility [Includes Blazer, Trailblazer, Bravada, Envoy, Jimmy, Tracker and Full Size - Yukon, Tahoe, Avalanche, Escalade, Escalade Ext, and Crew Cab]
3	Four Door-All Purpose Vehicle (See Table 3, Code U) [Montana, Venture, Silhouette] Aztek, Rendezvous(SRV), Saturn SUV
4	Two (2) Door Cab [S10, Sonoma, Sierra, Silverado]
5	Van [Express, Savana, Astro, Safari]
6	Suburban/ Yukon XL, Envoy XL, , Trailblazer Ext
7	Motor Home Chassis [P-32 Motorhome Chassis]
8	Two (2) Door Utility [Blazer, Tracker]
9	Extended Cab/Extended Van [S10, Sonoma, Sierra, Silverado ( 53 models) Astro, Safari,, Express, Savana (705, 706)]

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RESPONSIBILITY: GM VIN Subcommittee  
 AUTHORIZED BY: GM VIN Subcommittee Chairman



Corporate Information Standards

GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

TABLE C3e: Line Chassis Series (VIN positions 5 and 6)

**Cadillac**

For Vehicles with Make Identifier Codes: 1GE, 1GY, 3GY

<u>Line Chassis</u>	<u>SERIES</u>	<u>DESCRIPTION</u>
H	0	Incomplete Hearse
H	9	Incomplete Limousine
C	6	Escalade/4X2, 1500 (1/2 ton) Luxury
K	6	Escalade/Escalade EXT, 4X4, 1500 (1/2 ton) Luxury

TABLE C3f: Line Chassis Series (VIN positions 5 and 6)

**Buick**

For Vehicles with Make Identifier Codes: 4GL, 3G5

<u>Line Chassis</u>	<u>SERIES</u>	<u>DESCRIPTION</u>
A	0	Rendezvous SRV vehicle 4X2
B	0	Rendezvous SRV vehicle 4X4

TABLE C3g: Line Chassis Series (VIN positions 5 and 6)

**Saturn**

For Vehicles with Make Identifier Codes: 5GZ

<u>Line Chassis</u>	<u>SERIES</u>	<u>DESCRIPTION</u>
Z	2	FWD Manual
Z	3	FWD Auto
Z	4	AWD 4 Cyl
Z	6	AWD 6Cyl

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Corporate Information Standards

GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

TABLE C3c: Line Chassis Series (VIN positions 5 and 6)

**Oldsmobile**

For Vehicles with Make Identifier Codes: 1GH

<u>Line Chassis</u>	<u>SERIES</u>	<u>DESCRIPTION</u>
S	1	Bravada 4X2 ½ ton
S	6	Bravada 4X2 ½ ton Luxury
T	1	Bravada 4X4 ½ ton
T	6	Bravada 4X4 ½ ton Luxury
V	0	Silhouette APV 4X4
V	1	Silhouette APV 4X4 – Luxury
V	2	Silhouette APV 4X4 – Economy
X	0	Silhouette APV 4X2 Ext. w/b
X	1	Silhouette APV 4X2 – Luxury Ext. w/b
X	2	Silhouette APV 4X2 – Economy Ext w/b

TABLE C3d: Line Chassis Series (VIN positions 5 and 6)

**Pontiac**

For Vehicles with Make Identifier Codes: 1GM, 3G7

<u>Line Chassis</u>	<u>SERIES</u>	<u>DESCRIPTION</u>
A	0	Aztek SRV vehicle 4X2
B	0	Aztek SRV vehicle 4X4
U	0	Montana APV 4X2
U	1	Montana APV 4X2 – Luxury
U	2	Montana APV 4X2 – Economy
V	0	Montana APV 4X4
V	1	Montana APV 4X4 – Luxury
V	2	Montana APV 4X4 – Economy
X	0	Montana APV 4X2 Ext. w/b
X	1	Montana APV 4X2 – Luxury Ext. w/b
X	2	Montana APV 4X2 – Economy Ext w/b

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RESPONSIBILITY: GM VIN Subcommittee  
 AUTHORIZED BY: GM VIN Subcommittee Chairman



Corporate Information Standards

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GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

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TABLE C3b (continued):      Line Chassis Series (VIN positions 5 and 6)

**Chevrolet**

For Vehicles with Make Identifier Codes: 1GC, 2GC, 3GC, 1GB, 2GB, 3GB, 3GK, 1GJ, 1GN, 3GN, 1GA

U	0	Venture APV 4X2
U	1	Venture APV 4X2 – Luxury
U	2	Venture APV 4X2 – Economy
V	0	Venture APV 4X4
V	1	Venture APV 4X4 – Luxury
V	2	Venture APV 4X4 – Economy
X	0	Venture APV 4X2 Ext. w/b
X	1	Venture APV 4X2 – Luxury Ext. w/b
X	2	Venture APV 4X2 – Economy/Cargo Ext w/b
B	9	Incomplete

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RESPONSIBILITY: GM VIN Subcommittee  
AUTHORIZED BY: GM VIN Subcommittee Chairman



Corporate Information Standards

GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

TABLE C3b: Line Chassis Series (VIN positions 5 and 6)

**Chevrolet**

For Vehicles with Make Identifier Codes: 1GC, 2GC, 3GC, 1GB, 2GB, 3GB, 3GK, 1GJ, 1GN, 3GN, 1GA

<u>Line</u> <u>Chassis</u>	<u>SERIES</u>	<u>DESCRIPTION</u>
C	1	Full size truck 4X2, 1500 (1/2 ton)
C	2	Full size truck 4X2, 2500 (3/4 ton)
C	3	Full size truck 4X2, 3500 (1 ton)
C	5	GMC 3 ton (Mex only)
C	6	Full size truck 4X2, 1500 (1/2 ton) Luxury
C	7	Full size truck 4X2, 2500 (3/4 ton) Luxury
C	8	Full size truck 4X2, 3500 (1 ton) Luxury
K	1	Full size truck 4X4, 1500 (1/2 ton)
K	2	Full size truck 4X4, 2500 (3/4 ton)
K	3	Full size truck 4X4, 3500 (1 ton)
K	5	GMC 3 ton (Mex only)
K	6	Full size truck 4X4, 1500 (1/2 ton) Luxury
K	7	Full size truck 4X4, 2500 (3/4 ton) Luxury
K	8	Full size truck 4X4, 3500 (1 ton) Luxury
Line / Chassis description includes all Full Size Chevrolet truck models. See notes, table C5, for 'Brand' information		
G	1	Express 4X2, 1500 (1/2 ton)
G	2	Express 4X2, 2500 (3/4 ton)
G	3	Express 4X2, 3500 (1 ton)
G	6	Express 4X2, 1500 (1/2 ton) Luxury
G	7	Express 4X2, 2500 (3/4 ton) Luxury
G	8	Express 4X2, 3500 (1 ton) Luxury
M	1	Astro Van 4X2 1/2 ton
M	6	Astro Van 4X2 (Luxury)
L	1	Astro Van 4X4 1/2 ton
L	6	Astro Van 4X4 (Luxury)
S	1	S10/SSR/Blazer/Trailblazer/Trailblazer EXT 4X2 1/2 ton
S	6	S10/Blazer/Trailblazer/Trailblazer EXT 4X2 1/2 ton Luxury
T	1	S10/Blazer/Trailblazer/Trailblazer EXT 4X4 1/2 ton
T	6	S10/Blazer/Trailblazer/Trailblazer EXT 4X4 1/2 ton Luxury
E	1	Tracker 4X2,
J	1	Tracker 4X4
E	6	Tracker 4X2 LT (B57)
J	6	Tracker 4X4 LT (B57)
J	2	Tracker 4X4 Economy (X81)
J	7	Tracker 4X4 ZR2 Sport



Corporate Information Standards

GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

TABLE C3a: Line Chassis Series (VIN positions 5 and 6)

GMC

For Vehicles with Make Identifier Codes: 1GD, 2GD, 3GD, 1GT, 2GT, 3GT, 3GK, 1GJ, 1GK, 3GN

<u>Line Chassis</u>	<u>SERIES</u>	<u>DESCRIPTION</u>
C	1	Full size truck 4X2, 1500 (1/2 ton)
C	2	Full size truck 4X2, 2500 (3/4 ton)
C	3	Full size truck 4X2, 3500 (1 ton)
C	5	GMC 3 ton (Mex only)
C	6	Full size truck 4X2, 1500 (1/2 ton) Luxury*
C	7	Full size truck 4X2, 2500 (3/4 ton) Luxury*
C	8	Full size truck 4X2, 3500 (1 ton) Luxury*
K	1	Full size truck 4X4, 1500 (1/2 ton)
K	2	Full size truck 4X4, 2500 (3/4 ton)
K	3	Full size truck 4X4, 3500 (1 ton)
K	5	GMC 3 ton (Mex only)
K	6	Full size truck 4X4, 1500 (1/2 ton) Luxury*
K	7	Full size truck 4X4, 2500 (3/4 ton) Luxury*
K	8	Full size truck 4X4, 3500 (1 ton) Luxury*

\*Line / Chassis description includes all Full Size GMC truck models. See notes at table C5 for 'Brand' information.

G	1	Savanna 4X2, 1500 (1/2 ton)
G	2	Savanna 4X2, 2500 (3/4 ton)
G	3	Savanna 4X2, 3500 (1 ton)
G	6	Savanna 4X2, 1500 (1/2 ton) Luxury
G	7	Savanna 4X2, 2500 (3/4 ton) Luxury
G	8	Savanna 4X2, 3500 (1 ton) Luxury
M	1	Safari Van 4X2 1/2 ton
M	6	Safari Van 4X2 (Luxury)
L	1	Safari Van 4X4 1/2 ton
L	6	Safari Van 4X4 (Luxury)
S	1	Sonoma/Jimmy/Envoy/Envoy XL 4X2 1/2 ton
S	6	Sonoma/Jimmy/Envoy/Envoy XL 4X2 1/2 ton Luxury
T	1	Sonoma/Jimmy/Envoy/Envoy XL 4X4 1/2 ton
T	6	Sonoma/Jimmy/Envoy/Envoy XL 4X4 1/2 ton Luxury

\*with option Y91 – Luxury Edition

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RESPONSIBILITY: GM VIN Subcommittee  
 AUTHORIZED BY: GM VIN Subcommittee Chairman



Corporate Information Standards

GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

C. MPV's, Light Duty Trucks, Buses\$ & Incomplete Vehicles

TABLE C2: GVWR/Brake Systems (VIN position 4)

For Vehicles with an Alpha Character in the 5th Position (See Table C3)

For Vehicles with Make Identifier Codes:

1GA\$	1GB	1GC	1GD	1GE	1GT	1GJ\$	1GK	1GN	1GM	4GL	2CG	1GH	1S9
	2GB	2GC	2GD		2GT								
	3GB		3GD				3GK	3GN	3GM	3G5	3G7		
1GG		2CC			2CT		2CK	2CN					
1GY													5GZ

\$ Specific to Chevrolet and GMC Vans which are classified as Buses when equipped with seating which will exceed ten (10) passengers.

<u>CODE</u>	<u>GVWR RANGE</u> <u>(In pounds)</u>	<u>BRAKE</u> <u>SYSTEM</u>
A	0 - 3,000	Hydraulic
B	3001 - 4000	Hydraulic
C	4001 - 5000	Hydraulic
D	** 5001 - 6000	Hydraulic
E	* 6001 - 7000	Hydraulic
F	* 7001 - 8000	Hydraulic
G	8001 - 9000	Hydraulic
H	9001 - 10000	Hydraulic
J	10001 - 14000	Hydraulic
K	14001 - 16000	Hydraulic
L	16001 - 19500	Hydraulic
M	19501 - 26000	Air/Hydraulic

\* For Cadillac commercial chassis/vehicle

\*\* For Chevrolet & Buick commercial body/chassis, use this Position 4 VIN code.

0017

RESPONSIBILITY: GM VIN Subcommittee  
 AUTHORIZED BY: GM VIN Subcommittee Chairman



**Corporate Information Standards**

**GM VEHICLE IDENTIFICATION NUMBERING STANDARDS**

**C. MPV's, Light Duty Trucks, Buses\$ & Incomplete Vehicles**

**TABLE C1: VIN Format**

For Vehicles with an Alpha Character in the 5th Position (See Table C3)

For Vehicles with Make Identifier Codes:

1GA\$	1GB	1GC	1GD	1GE	1GT	1GJ\$	1GK	1GN	1GM	4GL	2CG	1GH	1S9
	2GB	2GC	2GD		2GT								
	3GB		3GD				3GK	3GN	3GM	3G5	3G7		
1GG		2CC			2CT		2CK	2CN					
1GY				5GZ									

\$ Specific to Chevrolet and GMC Vans which are classified as Buses when equipped with seating which will exceed ten (10) passengers.

<u>VIN POSITION</u>	<u>CHARACTER TYPE *</u>	<u>ATTRIBUTE</u>
1-3	BAA	GM Make Identifier (Table A1)
4	A	GVWR/Brake System (Table C2)
5-6	AN	Line, Chassis Type and Series (Table C3)
7	N	Body Type (Table C5)
8	B	Engine Type (Table C6)
9	B	Check digit (Table A3)
10	B	Model Year (Table A2)
11	B	Plant of Manufacture (Table A4)
12-17	NNNNNN	Sequence Number

\* CHARACTER TYPE: A - Alpha Characters  
N - Numeric Characters  
B - Alpha or Numeric Characters

TYPICAL GM LIGHT DUTY TRUCK VIN: 2GCDC14R✓11132166

1-3	2GC	Canadian General Motors, Chevrolet Truck
4	D	5001/6000 lb. GVWR w/Hydraulic Brakes
5-6	C1	Full size truck 4X2, 1500 (1/2 ton)
7	4	Two Door Cab
8	R	5.7 Liter V-8 Gas Engine GMPT-Warren
9	✓	Check digit
10	2	Model Year 2002
11	1	Oshawa #2 Assembly Plant
12-17	132166	Sequence Number

0018

RESPONSIBILITY: GM VIN Subcommittee  
AUTHORIZED BY: GM VIN Subcommittee Chairman



**Corporate Information Standards**

**GM VEHICLE IDENTIFICATION NUMBERING STANDARDS**

B. Passenger Cars

TABLE B4: Engine Codes (VIN position 8)

For Vehicles with Make Identifier Codes:

<u>CODE</u>	<u>ENGINE DEFINITION</u>	<u>DESIGN BY</u>	<u>RPO</u>	<u>NAME PLATE USAGE</u>
C	4.0L V8 SFI	WRN1	L47	Olds
E	3.4L V6 MFI HO	LAN	LA1	Chev, Pont, Olds
F	2.2L L4 MFI, DOHC		L61	Chev, Pont, Olds, Sat(J)
G	5.7L V8 MFI	WRN	LS1	Chev, Pont
H	3.5L V6 SFI	FLT	LX5	Olds
J	3.1L V6 SFI		LG8	Chev Pont, Buick
K	3.8L V6 MFI	FLT	L36	Chev, Pont, Buick
M	1.4L, L4, MFI, DOHC	Opel	L95	Chev (Mexico)
R	3.0L V6 MFI	OPEL	L81	Cad, Sat(J)
S	5.7L V8 SFI HO	WRN1	LS6	Chev
T	2.4L L4 SFI	LAN	LD9	Chev, Pont,
Y	4.6L V8 SFI	WRN1	LD8	Cad
1	3.8L V6 MFI	FLT	L67	Pont, Buick
2	1.3L L4 MFI	SUZUKI	LY8	Chev, GM Can
4	2.2L L4 SFI	LAN	LN2	Chev, Pontiac
6	1.0L L3 TBI	SUZUKI	LP2	Chev, GM Can
7	1.9L L4 MFI	SAT	LL0	Sat
8	1.9L L4 MFI	SAT	L24	Sat
8	1.8L L4 MFI	TOYOTA	LV6	Chev
9	4.6L V8 SFI	WRN1	L37	Cad

**GM POWERTRAIN LEGEND:**

WRN1 = GMPTG WARREN (PREM V)

WRN = GMPTG WARREN (SM. BLK)

GMEV = GM ELECTRIC VEHICLE

NOTE: Name Plate Sat(J) = SATURN J CAR

LAN = GMPTG LANSING

FLT = GMPTG FLINT

SAT = SATURN

0019

RESPONSIBILITY: GM Powertrain Veh Platform Engine Coord. & NAO Engrg Ctr. Opers-ERM  
AUTHORIZED BY : Corporate Information Standards



**Corporate Information Standards**

**GM VEHICLE IDENTIFICATION NUMBERING STANDARDS**

B. Passenger Cars

TABLE B3b: Restraint System Codes - Front Seat (VIN position 7)

For Vehicles with Make Identifier Codes:

1G1	1G2	1G3	1G4	1G6	1Y1	1G8
2G1	2G2	2G3	2G4			
3G1	3G2					
4G1	4G2					

<u>CODE</u>	<u>DEFINITION</u>
1	Active (Manual) Belts
2	Active (Manual) Belts with Driver & Passenger Inflatable Restraint (Frontal)
3	Active (manual) belts w/driver inflatable restraint system
4	Active (Manual) Belts with Driver & Passenger Inflatable Restraints (Frontal & Side)
5	Active (Manual) Belts with Driver & Passenger Inflatable Restraints - Frontal and Driver Inflatable Restraints - Side
6	Active (Manual) Belts with Driver & Passenger Inflatable Restraints (Frontal & Side). Automatic Occupant Sensor (Passenger)
7	Active (Manual) Belts with Driver & Passenger Inflatable Restraints (Frontal & Side), Rear Passenger Inflatable Restraints (side)

0020

RESPONSIBILITY: NAO Safety and Restraint Center  
 AUTHORIZED BY : GM VIN Subcommittee Chairman



**Corporate Information Standards**

**GM VEHICLE IDENTIFICATION NUMBERING STANDARDS**

B. Passenger Cars

**TABLE B3a: VIN Body Style Codes (VIN position 6)**

For Vehicles with Make Identifier Codes:

1G1	1G2	1G3	1G4	1G6	1Y1	1G8
2G1	2G2	2G3	2G4			
3G1	3G2					
4G1	4G2					

<u>VIN CODING</u>	<u>GM EQUIVALENT BODY CODES</u>
1	27 - Coupe, 2-door, Notchback 37 - Coupe, 2-door, Notchback Special 47 - Coupe, 2-door, Notchback Special 57 - Coupe, 2-door, Notchback Special
2	07 - Coupe, 2-door, Plain Back 08 - Sedan, 2-door, Plain Back, (H/Back) 77 - Coupe, 2-door, Plain Back, H/back 87 - Coupe, 2-door, Plain Back, Special
3	67 - Coupe, 2-door, Convertible
5	19 - Sedan, 4-door, 6 Window, Notchback 69 - Sedan, 4-door, 4 Window, Notchback
6	29 - Sedan, 4-door, 4 Window, Plain Back 48 - Sedan, 4 Door, 4 Window, Hatchback 68 - Sedan, 4-door, 6 Window, Plain Back, (H/Back)
8	35 - Station Wagon, 4-door
9	75 - Station Wagon, 4 Door High Roof Monocab

0021

RESPONSIBILITY: GM VIN Subcommittee, NAO Engineering Center Operations - ERM  
 AUTHORIZED BY : GM VIN Subcommittee Chairman



**Corporate Information Standards**

**GM VEHICLE IDENTIFICATION NUMBERING STANDARDS**

B. Passenger Cars

TABLE B2g: Carline and Series Codes - SATURN (VINS positions 4 and 5)

For Vehicles with Make Identifier Codes: 1G8

	<u>CARLINE</u>	<u>SERIES</u>	<u>DESCRIPTION</u>
	<u>CARLINE</u>	<u>SERIES</u>	<u>DESCRIPTION</u>
	Z	F	SL Manual
	Z	G	SL1 MANUAL
	Z	H	SL1 AUTO
	Z	J	SL2 MANUAL
	Z	K	SL2 AUTO
	Z	L	SL Auto
	Z	N	SC1 MANUAL,
	Z	P	SC1 AUTO
	Z	R	SC2 MANUAL
#	Z	S	SL MANUAL SPRING SPECIAL
	Z	Y	SC2 AUTO
	J	R	LS MANUAL
	J	S	LS AUTO
	J	T	LS1/LW1 MANUAL
	J	U	LS1/LW1 AUTO
	J	W	LS2, LW2

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RESPONSIBILITY: Saturn  
 AUTHORIZED BY : Product Engineering Operations



**Corporate Information Standards**

**GM VEHICLE IDENTIFICATION NUMBERING STANDARDS**

B. Passenger Cars

TABLE B2e: Carline and Series Codes - CADILLAC (VIN positions 4 and 5)

For Vehicles with Make Identifier Codes: 1G6,

<u>CARLINE</u>	<u>SERIES</u>		<u>DESCRIPTION</u>
E	L		ELDORADO
E	T		ELDORADO TOURING
E	C		ELDORADO Commemorative Edition
K	D		DEVILLE
K	E		DEVILLE LUXURY
K	F		DEVILLE TOURING
K	H	(1GE)*	CADILLAC HEARSE
K	J	(1GE)*	CADILLAC LIMOUSINE
K	S		SLS
K	Y		STS

\* = These vehicles VIN'ed as Incomplete Vehicles, see Section C

0023

RESPONSIBILITY: Cadillac Motor Car Division  
AUTHORIZED BY : Cadillac Marketing



**Corporate Information Standards**

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**GM VEHICLE IDENTIFICATION NUMBERING STANDARDS**

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B. Passenger Cars

TABLE B2d: Carline and Series Codes - BUICK (VIN positions 4 and 5)

For Vehicles with Make Identifier Codes: 1G4, 2G4, 3G4

<u>CARLINE</u>	<u>SERIES</u>	<u>DESCRIPTION</u>
C	U	PARK AVENUE - ULTRA
C	W	PARK AVENUE
H	P	LESABRE CUSTOM
H	R	LESABRE LIMITED
W	B	REGAL LS
W	F	REGAL GS
W	S	CENTURY CUSTOM
W	Y	CENTURY LIMITED

0024

RESPONSIBILITY: Buick Motor Division and NAES  
AUTHORIZED BY : Buick Marketing and NAES Product Planning



## Corporate Information Standards

### GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

B. Passenger Cars

TABLE B2c: Carline and Series Codes - OLDSMOBILE (VIN positions 4 and 5)

For Vehicles with Make Identifier Codes: 1G3, 2G3

<u>CARLINE</u>	<u>SERIES</u>	<u>DESCRIPTION</u>
G	R	AURORA
G	S	AURORA
N	F	ALERO GLS
N	K	ALERO Level I
N	L	ALERO Level II
W	H	INTRIGUE GX
W	S	INTRIGUE GL
W	X	INTRIGUE GLS

0025

RESPONSIBILITY: Oldsmobile Division and NAES  
AUTHORIZED BY : Oldsmobile Marketing and NAES Product Planning



## Corporate Information Standards

### GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

B. Passenger Cars

TABLE B2b: Carline and Series Codes - PONTIAC (VIN positions 4 and 5)

For Vehicles with Make Identifier Codes: 1G2, 2G2, 3G2

<u>CARLINE</u>	<u>SERIES</u>	<u>DESCRIPTION</u>
F	S	FIREBIRD & CONVERTIBLE
F	V	FORMULA & CONVERTIBLE
H	X	BONNEVILLE SE
H	Y	BONNEVILLE SLE
H	Z	BONNEVILLE SSEI
J	B	SUNFIRE
J	D	SUNFIRE
N	E	GRAND AM SE
N	W	GRAND AM GT
N	F	GRAND AM SE1
N	V	GRAND AM GT1
W	J	GRAND PRIX SE
W	K	GRAND PRIX SE1
W	P	GRAND PRIX GT
W	R	GRAND PRIX GTP

0026

RESPONSIBILITY: Pontiac Motor Division and NAES  
AUTHORIZED BY: Pontiac Marketing and NAES Product Planning



**Corporate Information Standards**

**GM VEHICLE IDENTIFICATION NUMBERING STANDARDS**

B. Passenger Cars

TABLE B2a: Carline and Series Codes - CHEVROLET (VIN positions 4 and 5)

For vehicles with Make Identifier Codes: 1G1, 2G1, 1Y1, 3G1,

<u>CARLINE</u>	<u>SERIES</u>		<u>DESCRIPTION</u>
F	P		CAMARO SPORT COUPE & CONVERTIBLE
J	C		CAVALIER
J	F		CAVALIER, CAVALIER SEDAN
J	H		CAVALIER Z24
J	S		CAVALIER, COUPE, LS
N	D		MALIBU
N	E		MALIBU LS
S	K	(1Y1)	PRIZM
W	F		IMPALA
W	H		IMPALA LS
W	W		MONTE CARLO LS
W	X		MONTE CARLO SS
Y	Y		CORVETTE

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RESPONSIBILITY: Chevrolet Div., North American Export Sales (NAES) & Intl Programs  
 AUTHORIZED BY: Chevrolet Marketing, NAES Product Planning, International Programs



**Corporate Information Standards**

**GM VEHICLE IDENTIFICATION NUMBERING STANDARDS**

**B. Passenger Cars**

**TABLE B1: VIN Format**

For vehicles with Make Identifier Codes:

1G1	1G2	1G3	1G4	1G6	1G8	1Y1
2G1	2G2	2G3	2G4			
3G1	3G2		3G4			
4G1	4G2					

<u>VIN POSITION</u>	<u>CHARACTER TYPE *</u>	<u>ATTRIBUTE</u>	
1-3	BBN	Make Identifier	(Table A1)
4,5	AA	Carline and Series	(Tables B2)
6	N	Body Type	(Table B3a)
7	N	Restraint System	(Table B3b)
8	B	Engine Code	(Table B4)
9	B	Check Digit	(Table A2)
10	B	Model Year	(Table A3)
11	B	Plant of Manufacture	(Table A4)
12-17	NNNNNN	Sequence Number	

\* Character Type:      A = Alpha Characters  
                                   N = Numerics  
                                   B = Both alpha and numeric

Typical GM Passenger Car VIN:      1G2NE12T✓XC280767

1-3	1G2	U.S. origin GM Pontiac Passenger Vehicle
4,5	NE	GRAND AM SE
6	1	2-Door Coupe (GM Body Style 37)
7	2	Active Belts with Driver/Passenger IRS
8	T	2.4L 4 FI
9	✓	Check digit
10	1	Model Year 2001
11	C	Lansing, MI Assembly plant
12	280767	Sequence number

0028

RESPONSIBILITY:      Vehicle Platforms and Corporate Information Standards  
 AUTHORIZED BY:      Corporate Information Standards



Corporate Information Standards

GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

A. General Information

TABLE A4: GM Plant Codes (VIN position 11)

<u>CODE</u>	<u>PLANT NAME</u>	<u>STATE</u>	<u>OPERATING UNIT</u>
-------------	-------------------	--------------	-----------------------

II. When VIN position 2 is "G" (General Motors), and WMI is for TRUCK:

When VIN position 1 is "1", "4" or "5" (U.S.A.):

B	BALTIMORE	MD	GM TRUCK GROUP
D	DORAVILLE	GA	NA-MCD PLATFORM (APV)
E	PONTIAC	MI	GM TRUCK GROUP
F	FLINT	MI	GM TRUCK GROUP
J	JANESVILLE	WI	GM TRUCK GROUP
K	LINDEN	NJ	GM TRUCK GROUP
R	ARLINGTON	TX	GM TRUCK GROUP
S	Springhill	TN	Saturn
T	SHREVEPORT (ELEC. TRK)	LA	GM TRUCK GROUP
X	NON-PRODUCTION/ NON-SALEABLE BUILD		NA-GM CORP.
Z	FORT WAYNE	IN	GM TRUCK GROUP
1	WENTZVILLE	MO	GM TRUCK GROUP
2	MORAINÉ	OH	GM TRUCK GROUP
8	SHREVEPORT	LA	GM TRUCK GROUP

When VIN position 1 is "2" (Canada):

1	OSHAWA TRUCK	ON	NA-CANADA - TRUCK
6	INGERSOLL	ON	NA-CANADA (GM/SUZUKI J.V.)
A	London	ON	GM Defense

When VIN position 1 is "3" (Mexico):

G	SILAO	MEX
M	TOLUCA	MEX
S	RAMOS ARIZPE	MEX

III. Other vehicles manufactured for General Motors:

VIN Pos. 1 & 2 - MANUFACTURER

Z	FREMONT	CA	1Y - NUMMI (GM TOYOTA J.V.)
3	KAWASAKI	JAPAN	J8 - ISUZU MOTORS
7	FUJISAWA	JAPAN	J8 - ISUZU MOTORS
8	TILLSONBURG (INT'L PRODUCT CENTRE OPERATIONS)	ONT.	- Plant code required for computer system processing only.

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RESPONSIBILITY: Vehicle Platforms and Corporate Information Standards  
AUTHORIZED BY: Corporate Information Standards

**Corporate Information Standards****GM VEHICLE IDENTIFICATION NUMBERING STANDARDS****A. General Information****TABLE A4: GM Plant Codes (VIN position 11)**

- I. CODE PLANT NAME STATE OPERATING UNIT  
When VIN position 2 is "G" (General Motors), and WMI is for PASSENGER CAR:

NOTE: See III for other manufacturers.

When VIN position 1 is "1" or "4" (U.S.A.):

B	LANSING	MI	NA-GM CORP.
C	LANSING	MI	NA-GM CORP.
F	FAIRFAX II	KS	NA-GM CORP
M	LANSING	MI	NA-GM CORP
U	HAMTRAMCK	MI	NA-GM CORP
Y	WILMINGTON	DE	SATURN
Z	SPRING HILL	TN	SATURN
0	LANSING	MI	NA-GM CORP
4	ORION	MI	NA-GM CORP
5	BOWLING GREEN	KY	NA-GM CORP
6	OKLAHOMA CITY	OK	NA-GM CORP
7	LORDSTOWN	OH	NA-GM CORP
X	NON PRODUCTION/ NON-SALEABLE BUILD		NA-GM CORP.

When VIN position 1 is "2" (Canada):

1	OSHAWA #2	ON	NA-MCD
2	STE. THERESE	PQ	NA-GM CORP
6	INGERSOLL	ON	NA-CANADA (GM/SUZUKI J.V.)
9	OSHAWA #1	ON	NA-GM CORP

When VIN position 1 is "3" (Mexico):

S	RAMOS ARIZPE	MEX	NA-LAD
---	--------------	-----	--------

NA-LAD = North American Lansing Automotive Division

NA-MCD = North American Midsize Car Division

NA-CLCD = North American Cadillac/Luxury Car Engineering &amp; Manufacturing Division

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RESPONSIBILITY: Vehicle Platforms and Corporate Information Standards  
AUTHORIZED BY: Corporate Information Standards



**Corporate Information Standards**

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**GM VEHICLE IDENTIFICATION NUMBERING STANDARDS**

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A. General Information

TABLE A3:      Model Year Codes (VIN Position 10)

<u>CODE</u>	<u>YEAR</u>
A	1980
B	1981
C	1982
D	1983
E	1984
F	1985
G	1986
H	1987
J	1988
K	1989
L	1990
M	1991
N	1992
P	1993
R	1994
S	1995
T	1996
V	1997
W	1998
X	1999
Y	2000
1	2001
2	2002
3	2003
4	2004
5	2005
6	2006
7	2007
8	2008
9	2009
A	2010
B	2011
etc.	

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RESPONSIBILITY:      GM VIN Subcommittee  
AUTHORIZED BY :      GM VIN Subcommittee Chairman



**Corporate Information Standards**

**GM VEHICLE IDENTIFICATION NUMBERING STANDARDS**

A. General Information

TABLE A2:      Check Digit Procedure (VIN position 9)

(4)      The remainder is the check digit, which will be inserted in the ninth position. If the remainder is 0-9, the check digit is that numeric value; if the remainder is 10, the check digit is X.

EXAMPLE:

VIN POSITION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
VEHICLE IDENTIFICATION NUMBER EXAMPLE	1	G	2	N	G	1	2	E	Ø	2	M	9	2	3	4	5	6
ASSIGNED VALUE	1	7	2	5	7	1	2	5	Ø	2	4	9	2	3	4	5	6
MULTIPLY BY WEIGHT FACTOR	x	x	x	x	x	x	x	x	Ø	x	x	x	x	x	x	x	x
	8	7	6	5	4	3	2	10	Ø	9	8	7	6	5	4	3	2
ADD PRODUCTS	8+49 +12+25+28 +3+4+50    Ø +18+32+63+12+15+16+15+12 = 327																
DIVIDE BY 11	327/11 = 32 + 10/11, remainder = 10																
Therefore CHECK DIGIT is:	X    (It will appear as the character in the 9th position of the VIN)																

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RESPONSIBILITY:      GM VIN Subcommittee  
AUTHORIZED BY :      GM VIN Subcommittee Chairman



**Corporate Information Standards**

**GM VEHICLE IDENTIFICATION NUMBERING STANDARDS**

A. General Information

**TABLE A2: Check Digit Procedure (VIN position 9)**

A check digit shall be provided as part of each vehicle identification number. The check digit shall occupy the ninth position in the vehicle identification number and appear as part of the number on the vehicle and on any documents containing the vehicle identification number.

The check digit is determined by carrying out the mathematical computation as follows:

- (1) Assign to each number in the vehicle identification number its actual mathematical value, and assign to each letter the value specified in the table below.

A=1	J=1	T=3
B=2	K=2	U=4
C=3	L=3	V=5
D=4	M=4	W=6
E=5	N=5	X=7
F=6	P=7	Y=8
G=7	R=9	Z=9
H=8	S=2	

- (2) Multiply the assigned value for each position in the vehicle identification number by the weight factor specified in the following table.

Position and Weight Factor

1st	8	10th	9
2nd	7	11th	8
3rd	6	12th	7
4th	5	13th	6
5th	4	14th	5
6th	3	15th	4
7th	2	16th	3
8th	10	17th	2
9th	0		

- (3) Add the resulting products and divide the total by 11.

0033...



**Corporate Information Standards**

**GM VEHICLE IDENTIFICATION NUMBERING STANDARDS**

A. General Information

TABLE A1: World Make Identifiers (VIN positions 1, 2 and 3)  
 MAKE IDENTIFIER

U.S.	CANADA	MEXICO	OTHER	MAKE	MANUFACTURER (other than GM)
------	--------	--------	-------	------	------------------------------

Type: Incomplete Vehicles

1GB	2GB	3GB	J8B	CHEVROLET	ISUZU
1GD	2GD	3GD	J8D	GMC	ISUZU
1GE	---	---	---	CADILLAC	
4GL	---	---	---	BUICK	
4GT	---	---	---	ISUZU	

Type: Bus

1GA\$	---	---	---	CHEVROLET	
1GJ\$	---	---	---	GMC	

Type: Military

	2GF-	---	---	GM Military	
--	------	-----	-----	-------------	--

\$ Specific to Chevrolet and GMC Vans which are classified as Buses when equipped with seating which will exceed ten (10) passengers.

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RESPONSIBILITY: NAO Engineering Center Operations - ERM, GM VIN Subcommittee  
 AUTHORIZED BY: GM VIN Subcommittee Chairman

**Corporate Information Standards****GM VEHICLE IDENTIFICATION NUMBERING STANDARDS**A. General Information

**TABLE A1: World Make Identifiers (VIN positions 1, 2 and 3)**  
**MAKE IDENTIFIER**

U.S.	CANADA	MEXICO	OTHER	MAKE	MANUFACTURER (other than GM)
Type: Passenger Cars					
1G1	2G1	3G1	---	CHEVROLET	
1G2	2G2	3G2	---	PONTIAC	
1G3	2G3	---	---	OLDSMOBILE	
1G4	2G4	3G4	---	BUICK	
1G6	---	---	---	CADILLAC	
1G7	---	---	---	GM OF CANADA	
1Y1	---	---	---	CHEVROLET	NUMMI
1G8	---	---	---	SATURN	
Type: Trucks					
1GC	2GC	3GC	---	CHEVROLET	
1GT	2GT	3GT	---	GMC	
---	---	---	---	GMC	
1GG	---	---	---	ISUZU	
Type: MPV					
1GN	---	3GN	---	CHEVROLET	
1GK	---	3GK	---	GMC	
1GM	---	3G7	---	PONTIAC	
---	2CN	---	---	CHEVROLET	CAMI-GM OF CANADA/SUZUKI J.V.
1GH	---	---	---	OLDSMOBILE	
		3G5		BUICK	
1GY	---	3GY	---	CADILLAC	
5GZ				Saturn	

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RESPONSIBILITY:  
 AUTHORIZED BY:

NAO Engineering Center Operations - ERM, GM VIN Subcommittee  
 GM VIN Subcommittee Chairman



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**GM VEHICLE IDENTIFICATION NUMBERING STANDARDS**

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Organization and Description of TablesSECTION D - Medium Trucks & Incomplete Vehicles

Contains the tables of coded information used in the VIN for this group of vehicles.

Table D1 - Truck VIN format

Displays the coding structure and VIN layout for this group of vehicles. It further references the subsequent tables necessary to decode the VIN except for those tables in Section A.

Table D2 - GVWR/Brake Systems

Codes designate gross vehicle weight rating together with the vehicle brake system.

Table D3 - Series

This table of numeric codes identifies truck series designations.

Table D4 - Truck Line and Cab Type

Codes specify truck line and cab descriptions.

Table D5 - Chassis

Codes designate number of axles and number of driving axles.

Table D6 - Engine Codes

The truck platform engine coordinators are to provide the engine usage for this table. Engine codes listed in this table specify engine type, manufacturer, and fuel used. Number of cylinders and displacement in cubic inches and liters are also given.

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 GM VEHICLE IDENTIFICATION NUMBERING STANDARDS
 

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Organization and Description of Tables

All car platform Powertrain Engine coordinators are responsible for providing the engine usage for this table to CIS. CIS prepares a consolidated list of uniform GM engine codes by model year by extracting engine information from divisional Vehicle Description Summaries. Engine line-ups are verified by periodically distributing the preliminary engine code lists to the car group/platform engine coordinators. Only one table is given here, and it includes GM of Canada usage.

SECTION C - Multipurpose Passenger Vehicles (MPV's), Light Duty Trucks, and Incomplete Vehicles

This Section contains the interpretive data used in multipurpose, light duty truck and incomplete vehicle VIN's.

Table C1 - MPV, Light Duty Truck & Incomplete Vehicle VIN Format

This displays the coding structure and VIN layout for this group of vehicles. It further references the subsequent tables necessary to decode the VIN, except for those tables defined in Section A.

Table C2 - GVWR/Brake Systems

This table of alpha codes defines the NHTSA codes for gross vehicle weight rating (GVWR) range, together with the brake system installed.

Table C3 - Line Chassis Series

This is two positions. The first position is alpha and the second position is numeric. This code represents the truck line, chassis type and series within a truck line. C3 tables consist of the following:

C3a	Chevrolet	C3d	Oldsmobile
C3b	GMC	C3e	Buick
C3c	Cadillac	C3f	Pontiac
C3g	Saturn		

Table C4 - Body Type

This table of numeric codes specifies the body type for this group of vehicles.

Tables C5a & C5b - Engine Codes

The truck platform engine coordinators are responsible for providing engine usage for table C6b. The incomplete vehicle car platforms are to provide the engines for Table C6a. The codes designate the engine description in respect to liter displacement, cylinder arrangement, fuel type, if other than gasoline, the number of carburetor barrels or other fuel induction system, engine designer, and any other unique attributes.

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**GM VEHICLE IDENTIFICATION NUMBERING STANDARDS**

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Organization and Description of TablesTable A4 - GM Plant Codes

The table will contain assembly plant codes for all plants anywhere, which assemble vehicles to be sold by GM in the U.S. or Canada.

SECTION B - Passenger Vehicles

This Section contains the interpretive data used in a passenger vehicle VIN.

Table B1 - Passenger Vehicle VIN Format

This illustrates the alphanumeric attributes of each position, and references subsequent tables for decoding data fields other than those defined in Section A.

Table B2 - Carline and Series Codes

This table lists the carline and series codes and merchandised name for each passenger vehicle carline by division. Carline and series codes must be alphabetic only; and besides I, O, and Q, the letter A may not be assigned as a series code. Passenger car divisions and GM of Canada are responsible for maintaining the code and names assignments.

B2 tables are included for the following:

B2a Chevrolet	B2d Buick	B2g Saturn
B2b Pontiac	B2e Cadillac	
B2c Oldsmobile	B2f GM of Canada	

Table B3 - Body Style and Restraint Systems

The body types and restraint systems are individually represented by a single numeric code. Table B3 is a list of single character body style codes that are assigned to the numeric two-position body style, which describe the physical attributes of the vehicle with respect to number of doors, roof line, and passenger capacity. Table B3b lists the codes assigned to identify the type of restraint system. The types of the restraint systems are obtained from the NAO Safety and Restraint Center.

Table B4 - Engine Codes

Passenger car engines are coded in this table. The VIN code must designate the engine description in respect to liter displacement, cylinder arrangement, fuel type, if other than gasoline, the number of carburetor barrels or other fuel induction system, engine designer, and any other unique attributes.

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**GM VEHICLE IDENTIFICATION NUMBERING STANDARDS**

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Organization and Description of Tables

The code\* definitions contained in the tables of interpretive data that follow provide for translation of the characters comprising any GM VIN, while at the same time they provide the information needed to compose the correct VIN for a GM vehicle. The tables of interpretive data are organized in Sections, and are described as follows:

- \* Only Arabic numerals and English alphabetic capital letters are permitted in GM VIN's. However, I, O (oh), and Q, and special characters are not allowed as stated in FMVSR 565.

SECTION A - General Information

Contains information common to the GM VIN's for all GM vehicles merchandised or manufactured in U.S. or Canada regardless of the make or type of vehicle and consists of the following tables:

Table A1 - GM Make Identifiers

Make identifiers are assigned to GM by SAE (formerly the Society of Automotive Engineers) to indicate the country of origin, the make of the vehicle, and the type of vehicle.

Toyota (NUMMI), Suzuki (CAMI), and ISUZU is providing NHTSA with the VIN Coding in compliance with 49CFR part 565 on an annual basis. VIN information contained in these standards on vehicles built by above manufacturers is for reference purpose only.

Table A2 - Model Year Codes

The code assigned is in accord with FMVSR 565 to identify the designated model year of the vehicle. This coding corresponds to the year coding assigned in International Organization Standards (ISO), standard 3779. "Model year" designates a discrete vehicle model irrespective of the calendar year in which the vehicle was actually produced, so long as the period is less than two calendar years.

The EPA 40 CFR (Code of Federal Regulations) Part 85 requires that "A specific model year must always include January 1 of the calendar year for which it is designated and may not include a January 1 of any other calendar year". Thus, the maximum duration of model year is one calendar year plus 364 days.

Table A3 - Check Digit

Describes the check digit calculation procedure as defined in FMVSR 565.

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**GM VEHICLE IDENTIFICATION NUMBERING STANDARDS**

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General DescriptionPurpose

The purpose of this standard is to define the uniform composition of vehicle identification numbers applied to GM vehicles marketed in the United States, U.S. Territories and Canada. This GM Standard has been promulgated in compliance with U.S. Federal Motor Vehicle Safety Regulation Part 565 (FMVSR 565) administered by the National Highway Traffic Safety Administration (NHTSA) and with Canada Motor Vehicle Safety Standard 115 (CMVSS 115) administered by Transport Canada.

Certain vehicles manufactured by GM for titling and registration elsewhere in the world may have other requirements with which they must comply, thus precluding the use of this VIN Standard. However, the VIN described herein does comply with the vehicle identification numbering standard of the International Standards Organization (ISO), and should be acceptable in many countries around the world.

Maintenance & Operating Responsibilities

Responsibility for updating of the coding tables contained herein has been established, and is shown on each table. As soon as new information or revisions to existing tables become known, the updated tables of codes for the coming model year(s) should be submitted by the authorized activity to Corporate Information Standards (CISCO), Mail Code 482-B32-B21, 200 Renaissance Center, P.O. Box 200, Detroit, MI 48265-2000. CIS has responsibility for publication and dissemination of these updated hardcopy model year tables of VIN data throughout General Motors. A copy of the updating materials should be sent to Safety Affairs and Regulations (SAR), NAO Safety Center, which has responsibility for review and approval of the coding specified; this is done on behalf of the GM Vehicle Identification Numbering Technical Committee, General Assembly Council, which in turn has responsibility for design of GM VIN's.

In compliance with FMVSR 565, SAR has the responsibility for submitting these tables of VIN data, and any revisions thereto, to the Federal Government at least 60 days prior to the use of that data in the assignment of VIN's to GM vehicles, but excluding pre-production vehicles not offered for sale.

Currently, abstracts of these tables of VIN data are distributed by Consumer Relations & Service Staff, Sales & Marketing Staff, Service Technology group and other GM activities.

Requests for any changes or refinements to the information content (not coding) of these Standards should be directed to Corporate Information Standards. The revision request must provide an appropriate explanation for the requested change. CIS will review revision requests and take whatever action is deemed necessary before issuing revised pages to the Standards. At minimum, all proposed changes will be coordinated through CISCO Coordinators of involved Divisions and Central Office Staffs. Upon approval of proposed revisions by involved Divisions and Staffs, revisions to the Standards will be incorporated into the text of revised pages distributed through current CISCO Coordinators of GM Divisions and Staffs.

The Engine VIN Codes for passenger cars and light-duty (LDT) trucks that are published in this standard, are also updated in the Production Order Management Systems (POMS) and the Integrated Scheduling Project (ISP) by the platform/product team Production Control and Scheduling personnel.

CISCO Coordinators of GM units will be responsible for distribution of this Standard to persons or activities of their Unit who are affected by or have a need for this information.

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## GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

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GENERAL MOTORS CORPORATION

VEHICLE IDENTIFICATION NUMBERING STANDARD  
FOR 2002 MODEL YEAR VEHICLES

IN COMPLIANCE WITH

FEDERAL MOTOR VEHICLE SAFETY REGULATION 565

Update – April, 2002

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